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CXCL4 Variant 1 Human

Platelet Factor-4 Variant 1 Human Recombinant
CHK0025

Product Overview

Name	CXCL4 Variant 1 Human
Description	
Platelet Factor-4 Variant 1 Human Recombinant	
Accession (Primary)	P02776
Synonyms	
CXCL4, PF-4, PF4, Iroplact, Oncostatin-A, SCYB4, MGC138298.	
Introduction	
Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets . Its major physiologic role appears to be neutralization of molecules on the endothelial surface of blood vessels, thereby inhibiting local antithrombin III activity and promoting coagulation. As a strong chemoattractant for neutrophils and fibroblasts, PF4 probably has a role in inflammation and wound repair. Oncostatin-A is a member of the CXC chemocinfamily. Human PF4 is used for the proof of induced thrombocytopenia. Furthermore it is used as an inhibitor in the angiogenesis during tumor therapy.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered white lyophilized powder.	
Formulation	
The protein was lyophilized without additives.	
Stability	
Human CXCL4 although stable at 25°C 1 week, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MHHHHHHEAE EDGDLQCLCV KTTSQVRPRH ITSLEVIKAG PHCPTAQLIA TLKNGRKICL DLQALLYKKI IKEHLES.	
Solubility	
It is recommended to reconstitute the lyophilized CXCL4 in sterile 18MΩ-cm H 2 O not less than 100 µg/ml, which can	

then be further diluted to other aqueous solutions.

Precautions

CXCL4 Variant 1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02776)